

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,050,343 B2  
APPLICATION NO. : 10/789443  
DATED : May 23, 2006  
INVENTOR(S) : Promod Kumar et al.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

|                          |  |
|--------------------------|--|
| Column 1, Line 67        | Delete: "failures"<br>Insert: -- failure --                  |
| Column 2, Line 32        | Delete: "to the"<br>Insert: -- on the --                     |
| Column 4, Line 59        | Delete: "relatives"<br>Insert: -- relative --                |
| Column 4, Line 62        | Delete: "register"<br>Insert: -- registers --                |
| Column 4, Lines<br>66-67 | Delete: "in which preserve"<br>Insert: -- which preserves -- |
| Column 5, Line 50        | Delete: "at the time"<br>Insert: -- at a time --             |
| Column 7, Line 14        | Delete: "contains"<br>Insert: -- contained --                |
| Column 7, Line 16        | Delete: "occurs"<br>Insert: -- occurred --                   |
| Column 7, Line 44        | Delete: "of the all"<br>Insert: -- of all --                 |
| Column 7, Line 55        | Delete: "are"<br>Insert: -- is --                            |
| Column 7, Line 62        | Delete: "identify"<br>Insert: -- identifying --              |
| Column 8, Line 12        | Delete: "occupy"<br>Insert: -- occupying --                  |

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|                           |  |
|---------------------------|--|
| Column 8, Line 21         | Delete: "two side"<br>Insert: -- two sides --                            |
| Column 9, Line 18         | Delete: "to the"<br>Insert: -- than the --                               |
| Column 9, Line 39         | Delete: "column"<br>Insert: -- columns --                                |
| Column 10, Line 14        | Delete: "erase"<br>Insert: -- Erase --                                   |
| Column 10, Line 15        | Delete: "read"<br>Insert: -- Read --                                     |
| Column 10, Line 20        | Delete: "setting"<br>Insert: -- set --                                   |
| Column 11, Line 13        | Delete: "at beginning"<br>Insert: -- at the beginning --                 |
| Column 11, Line 15        | Delete "electronic"<br>Insert: -- Electronic --                          |
| Column 11, Line 22        | Delete: "at the time"<br>Insert: -- at a time --                         |
| Column 11, Lines<br>33-34 | Delete: "parametric measurement"<br>Insert: -- Parametric Measurement -- |
| Column 12, Line 34        | Delete: "erase the step"<br>Insert: -- the erase step --                 |
| Column 12, Line 60        | Delete: "perform"<br>Insert: -- performs --                              |
| Column 13, Line 18        | Delete: "correspond"<br>Insert: -- corresponds --                        |

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Page 3 of 4

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|                                    |  |
|------------------------------------|--|
| Column 13, Line 22                 | Delete: "catch"<br>Insert: -- Cache --   |
| Column 13, Line 64                 | Delete: "vgmin/vgmax"<br>Insert: --Vgmin/Vgmax--                                 |
| Column 14, Line 2                  | Delete: "vgmax/vgmin"<br>Insert: -- Vgmax/Vgmin --                               |
| Column 14, Line 26                 | Delete: "vgmax/vgmin"<br>Insert: -- Vgmax/Vgmin --                               |
| Column 14, Line 28                 | Delete: "vgmax/vgmin"<br>Insert: -- Vgmax/Vgmin --                               |
| Column 14, Line 30                 | Delete: "for vgmax"<br>Insert -- for Vgmax --                                    |
| Column 14, Line 31                 | Delete: "for vgmin"<br>Insert: --for Vgmin --                                    |
| Column 14, Line 45                 | Delete: "vgmax or vgmin"<br>Insert: -- vgmax or Vgmin --                         |
| Column 14, Lines<br>65 and 66      | Delete: "vgmax"<br>Insert: -- Vgmax --<br>Delete: "vgmin"<br>Insert: -- Vgmin -- |
| Column 15, Line 16                 | Delete: " all0/all1"<br>Insert: -- All0/All1 --                                  |
| Column 16, Line<br>(second column) | Delete: "standard"<br>Insert: -- invention --                                    |
| Column 16, Line 26                 | Delete: "ck, ckn, all0/all1"<br>Insert: -- CK, CKN, All0/Aill1 --                |
| Column 16, Line 28                 | Delete: "ckn"<br>Insert: -- CKN --   |

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|  |   |
|--|---|
| Column 16, Lines<br>29 and 30            | Delete: "ck"<br>Insert: -- CK --                            |
| Column 16, Line 33                       | Delete: "Ck/Ckn"<br>Insert: -- CK/CKN --                    |
| Column 16, Line 42                       | Delete: "all0/all1"<br>Insert: -- All0/Ail1 --              |
| Column 16, Line 60                       | Delete: "both"<br>Insert: -- by--                           |
| Column 17, Line 13                       | Delete: "numerosity"<br>Insert: -- number--                 |
| Column 17, Line 23                       | Delete: "an built-in"<br>Insert: -- a built-in --           |
| Column 17, Line 42                       | Delete: "of the time"<br>Insert: -- as the time --          |
| Column 19, Line 47<br>Column 20, Line 46 | Delete: "microcontroller"<br>Insert: -- micro-controller -- |

Signed and Sealed this

Fifth Day of December, 2006



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*